

Review and Comment

Quality Assurance Addendum (QAA 5.1) Woman Creek Priority Drainage - OU 5 RFI/RI March, 1991

=====

General Comment:

As commented on previously, please remove any and all references to additional phases of RFI/RI characterization from this QA Addendum. In addition, please remove "Phase I" from the title of this addendum and anywhere else it has been included.

Specific Comments:

Section 3.2.6: The Division believes that the groundwater monitoring wells should be sampled for longer than one year. As we have said in comments to Section 7 of the workplan, the monitoring wells at the Old Landfill should be sampled quarterly for the indefinite future; wells at the ash pits should be sampled quarterly for at least 2 years.

Section 3.7.2: Please change this section to more closely parallel the equivalent section in the QAA for OU 6. Please add the extensive list of laboratory SOP procedures.

Section 3.8: In the QAA for OU 6, Section 3.8 is entitled "Quality Assurance Monitoring." Please include this section in the OU 5 QAA and make "Data Reduction, Validation, and Reporting" section 3.9.

Section 3.8: A section entitled "Data Reporting" was included in the OU 6 QAA but was omitted from the OU 5 QAA. Please include this section in the OU 5 QAA.

Section 12.2: Please clarify that the specific analytical protocols referred to in this section are spelled out in the GRRASP.

TABLE 7-6

PHASE I ANALYTICAL PROGRAM

IHSS	Location	Media	Total U	Total Cr	Be	H3	Nitrate	Gross α	Gross β	U 233/234	U 235	U 238	Pu 239/240	Am 241	Cs	Sr 89/90
115	Borings to confirm soil gas	Soil						(X)	(X)				(X)			
	Borings transecting plumes grabs from 2' intervals 6' composites	Soil						(X)	(X)							
		Soil						(X)	(X)							
	Wells downgradient of unit	Water	X				(X)	(X)	(X)							
	Effluent from pipes	Water	X				(X)	(X)	(X)							
	Sediments in SID and Woman Creek	Seds.	X				(X)	(X)	(X)							
133	Water in SID and Woman Creek	Water	X				(X)	(X)	(X)							
	Borings on 25' centers	Soil	X					(X)	(X)							
	Surface samples on 25' centers	Soil	X					(X)	(X)							
142	Wells downgradient of unit	Water	X					(X)	(X)							
	Sediment samples in Woman Creek and SID	Seds.		X				(X)	(X)							
	Water samples from ponds	Water		X				(X)	(X)							
	Wells downgradient of C-1 and C-2	Water		X				(X)	(X)							
209	Sediment in former pond	Seds.						(X)	(X)							
	Water in former pond	Water						(X)	(X)							
	Soil in small depressions	Soil						(X)	(X)							
SD*	Borings in area	Soil						(X)	(X)							
	Surface Soils	Soil						(X)	(X)							

* Surface disturbance south of the Ash Pits.